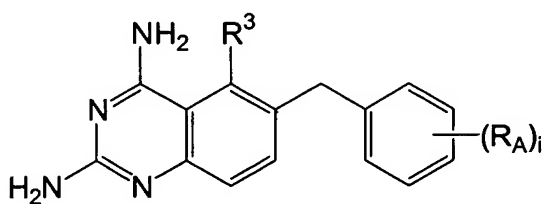


### AMENDMENTS TO THE CLAIMS

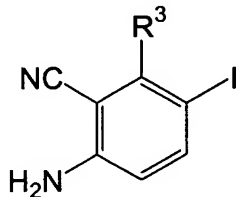
This listing of claims will replace all prior versions, and listings, of claims in the application:

1-37. (Cancelled).

38. (Previously Presented) A method of forming a compound according to Formula I:



the method comprising the steps of  
contacting an aryl halide of the formula:



with at least one molar equivalent of a organozinc reagent,  $RZnY$ , and at least a catalytic amount of a palladium catalyst to form a C-C bond by a palladium mediated cross-coupling reaction; and

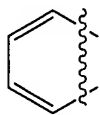
contacting the product of the cross-coupling reaction with chloroformamidine under dry-fusion conditions to form a compound according to Formula I, wherein

R is a benzyl residue of the formula  $-CH_2C_6H_4(R_A)_i$ ;

$R_A$  is independently selected at each occurrence of  $R_A$  from the group consisting of hydrogen,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl,  $C_{3-8}$ cycloalkyl,  $C_{1-6}$ alkoxy, chloro, fluoro,  $C_{1-4}$ fluoroalkyl, amino, mono and di( $C_{1-6}$ alkyl)amino, nitrile, optionally substituted aryloxy, optionally substituted heteroaryloxy,  $C_{1-6}$ alkylthio, optionally substituted arylthio, optionally substituted heteroarylthio, optionally substituted aryl acetoxy or optionally substituted heteroaryl acetoxy; or

or

two adjacent  $R_A$  groups taken in combination form a group of the formula:



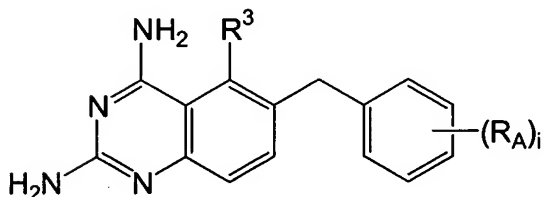
which may be optionally substituted;

$R^3$  is hydrogen; and

$i$  is 0, 1, 2, or 3;

$Y$  is Cl, Br, I, or triflate.

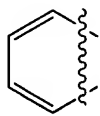
39. (Currently amended) A compound according to Formula I:



wherein:

$R_A$  is independently selected at each occurrence of  $R_A$  from the group consisting of hydrogen,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl,  $C_{3-8}$ cycloalkyl,  $C_{4-6}$ alkoxy, chloro, fluoro,  $C_{1-4}$ fluoroalkyl, amino, mono and di( $C_{1-6}$ alkyl)amino, and nitrile, ~~optionally substituted aryloxy, optionally substituted heteroaryloxy,  $C_{1-6}$ alkylthio, optionally substituted arylthio, optionally substituted heteroarylthio, optionally substituted aryl acetoxy or optionally substituted heteroaryl acetoxy;~~ or

two adjacent  $R_A$  groups taken in combination form a group of the formula:



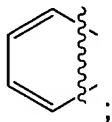
which may be optionally substituted;

$R^3$  is hydrogen; and

$i$  is an integer from 0 to about 5.

40. (Cancelled).

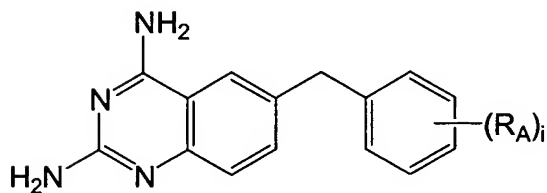
41. (Currently amended) A compound of claim 39 wherein  $R_A$  is independently selected at each occurrence of  $R_A$  from the group consisting of hydrogen, chloro, and fluoro, ~~C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, and C<sub>1-2</sub>fluoroalkyl~~; or two adjacent  $R_A$  groups taken in combination form a group of the formula:



$R^3$  is hydrogen; and

$i$  is an integer from 0 to about 3.

42. (Currently amended) A compound of claim 39 according to Formula I-A:

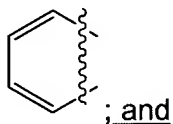


I-A

wherein

~~$R_A$  is independently selected at each occurrence from the group consisting of hydrogen, fluoro, chloro, methoxy, methyl, and trifluoromethyl; or~~

~~two adjacent  $R_A$  groups taken in combination form a group of the formula:~~



~~$i$  is 2 an integer from 0 to about 3.~~

43. (Currently amended) A pharmaceutical composition comprising a compound of any one of claims 39, through 41, or 42 and a pharmaceutically acceptable carrier.

44. (Previously Presented) A method for treating a mammal suffering from or susceptible to a *Pneumocystis carinii* infection, comprising administering to the mammal an effective amount of a pharmaceutical composition of claim 43.

45. (Original) A method of claim 44 wherein the mammal is immuno-compromised.

46. (Previously Presented) The method of claim 44, wherein the mammal is HIV-positive.

47. (Previously Presented) The method of any claim 44, wherein the mammal is suffering from an acquired immune deficiency disorder.

48. (Original) The method of claim 44, wherein the mammal is suffering from an autoimmune disorder or disease.

49. (Previously Presented) The method of claim 44, wherein the mammal has a parasitic infection.

50-54. (Cancelled).

55. (Previously Presented) The method of claim 44, wherein the mammal is a human.